

side or the other to accommodate the angle of the down tube 97 (FIGURE 7) with respect to the top tube 95 (FIGURE 7).

FIGURE 9 is a frontal view of the road bike handlebar bag 60 affixed to a main triangle of a road bike. The zipper assembly 61 is evident. The zipper assembly 61 allows
5 access to the interior cavity of the bag 60. A plurality of zipper assemblies 61 may be advantageously used to allow access to several pockets defined within the bag 60.

The bag 60 is held in tension between the top tube 95 and the down tube 97. The attitude of the bag 60, upright and parallel to the lateral aspects of the frame, places the bag 60 within easy reach of the rider. It is notable that in the position shown, the rider still
10 has access to other features of the main triangle such as adjuster barrels for the shift cables or a water bottle 89.

While the preferred embodiment of the invention has been illustrated and described, as noted above, many changes can be made without departing from the spirit and scope of the invention. For example, additional compartments such as a map flap over the top of the
15 bag 10 with a hook and loop fastener securing the flap within the view of the rider, would not depart from the spirit of the invention. Accordingly, the scope of the invention is not limited by the disclosure of the preferred embodiment. Instead, the invention should be determined entirely by reference to the claims that follow.



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The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. A carrier bag for attachment to the handlebars of a bicycle, the carrier bag comprising:

5 a suspension panel, the suspension panel having a first axis and a second axis, the second axis being substantially perpendicular to the first axis and intersecting the first axis at an intersection point to define a right segment of the first axis and a left segment of the first axis, and to define a forward segment of the second axis and an after segment of the second axis;

10 a right bar strap, the right bar strap being attached to the suspension panel on the right segment, the right bar strap being configured for attachment to a bar cylinder;

a left bar strap, the left bar strap being attached to the suspension panel on the left segment, the left bar strap being configured for attachment to the bar cylinder;

15 and

a stem strap, the stem strap being attached to the suspension panel on the after segment and configured for attachment to a stem cylinder.

2. The bag of Claim 1, wherein the bag is a collapsible carrier bag including a containing panel adapted to be collapsed toward the suspension panel.

20 3. The bag of Claim 2, wherein the carrier bag further includes a compression cord configured to urge the containing panel to collapse toward the suspension panel.

4. The bag of Claim 3, wherein the compression cord further includes a cinch clip, the cinch clip being configured to alternately secure and release a bight of the compression cord.



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5. The bag of Claim 1, further comprising a down tube strap attached in proximity to the stem strap and configured to attachably grasp a down tube cylinder parallel to the suspension panel and spaced apart from the suspension panel and wherein the left bar strap and the right bar strap are further configured to attachably grasp the top tube.

6. The bag of Claim 1, further comprising:
a side panel, the side panel having a third axis, substantially parallel to the first axis, the third axis being bisected by a plane into a third axis right segment and a third axis left segment at a third axis intersection point, the plane containing the first axis and perpendicular to the second axis;
a second right bar strap, the second right bar strap being attached to the side panel on the third axis right segment, the right bar strap being configured for attachment to the bar cylinder; and
a second left bar strap, the second left bar strap being attached to the side panel on the third axis left segment and spaced apart from the third axis intersection point, the left bar strap being configured for attachment to the bar cylinder.

7. The bag according to Claim 1, wherein the right bar strap, left bar strap, and stem strap each comprise:
a first strap end;
a second strap end; and
an engaging mechanism, the engaging mechanism configured to detachably engage the first strap end to the second strap end strap end.

8. The bag according to Claim 7, wherein the engaging mechanism includes:
a plurality of loops affixed to the first strap end; and

a plurality of hooks affixed to the second strap end, the hooks configured to engage the loops.

9. The bag according to Claim 7, wherein the engaging mechanism is selected from a group consisting of snaps, buckles, eyelets, laces, hooks and eyes, and clasps.

5 10. The bag according to Claim 7, wherein the engaging mechanism comprises a resilient clip.

11. A bicycle having the bag according to Claim 1 detachably fastened to the handlebars and stem.

10 12. A carrier bag for attachment to the handlebars of a bicycle, the carrier bag comprising:

a suspension panel, the suspension panel having a first axis and a second axis, the second axis perpendicular to the first axis and intersecting the first axis at an intersection point to define a forward segment of the second axis and an after segment of the second axis;

15 a side panel, the side panel having a third axis, substantially parallel to the first axis, the third axis being bisected by a plane into a third axis right segment and a third axis left segment at a third axis intersection point, the plane containing the first axis and perpendicular to the second axis;

20 a right bar strap, the right bar strap being attached to the side panel on the third axis right segment and spaced apart from the third axis intersection point, the right bar strap being configured to attachably grasp a bar cylinder, the bar cylinder being substantially parallel to the first axis;

a left bar strap, the second left bar strap being attached to the side panel on the third axis left segment and spaced apart from the third axis intersection point,



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the left bar strap being configured to attachably grasp the bar cylinder, the bar cylinder being substantially parallel to the first axis; and

a stem strap, the stem strap being attached to the suspension panel on the after segment and spaced apart from the intersection point and configured to attachably grasp a stem cylinder, the stem cylinder being substantially parallel to the second axis.

13. The bag according to Claim 12, wherein the bag is a collapsible carrier bag including a containing panel adapted to be collapsed toward the suspension panel.

14. The bag according to Claim 13, wherein the carrier bag further includes a compression cord configured to urge the containing panel to collapse the containing panel toward the suspension panel.

15. The bag according to Claim 14, wherein the compression cord further includes a cinch clip, the cinch clip being configured to alternately secure and release a bight of the compression cord.

16. The bag of Claim 13, further comprising a down tube strap attached in proximity to the stem strap and configured to attachably grasp a down tube cylinder parallel to the suspension panel and spaced apart from the suspension panel and wherein the left bar strap and the right bar strap are further configured to attachably grasp the top tube.

17. A method for securing a load adjacent a junction formed by handlebars of a bicycle and a stem of the bicycle, the method comprising:
placing the load adjacent the junction, the junction including an intersection point, the intersection point being where the stem encircles and bisects the handlebar



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to define a right segment and a left segment, the right segment, the left segment, and the stem defining a substantially planar surface;
attachably affixing the load to the right segment at a right bar strap point, the right bar strap point spaced apart from the intersection point;
5 attachably affixing the load to the left segment at a left bar strap point, the left bar strap point spaced apart from the intersection point; and
attachably affixing the load to the stem at a stem strap point, the stem strap point spaced apart from the intersection point.

18. The method of Claim 17, wherein:

10 placing the load at the intersection further includes enveloping the load in a bag, the bag having a suspension panel;
attachably affixing the load to the right segment further includes attachably grasping the right segment with a right bar strap, the right bar strap affixed to the suspension panel at the right bar strap point;
15 attachably affixing the load to the left segment further includes attachably grasping the left segment at the left bar strap point with a left bar strap, the left bar strap affixed to the suspension panel at the left bar strap point; and
attachably affixing the load to the stem segment further includes attachably grasping the stem segment at the stem strap point with a stem strap, the stem
20 strap affixed to the suspension panel at the stem strap point.

19. The method of Claim 18, wherein to attachably grasp includes to encircle an object with a strap, the strap including:

a first strap end;
a second strap end, and



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an engaging mechanism, the engaging mechanism configured to detachably engage the first strap end to the second strap end to encircle the object.

20. The method of Claim 19, wherein the engaging mechanism includes:

a fabric loop affixed to the first strap end; and

5 a fabric hook affixed to the second strap end, the fabric hook configured to engage the fabric loop.

21. The method of Claim 19, wherein the engaging mechanism is selected from the group consisting of snaps, buckles, eyelets, laces, hooks and eyes, and clasps.

10 22. The method of Claim 19, wherein to attachably grasp includes encircling the object with a resilient clip.

23. The method of Claim 18, wherein the bag is a collapsible carrier bag including a containing panel adapted to be collapsed toward the suspension panel.

15 24. The method of Claim 18, wherein the carrier bag further includes a bight of a compression cord configured to urge the containing panel to collapse the containing panel toward the suspension panel.

25. The method of Claim 18, wherein the compression cord further includes a cinch clip, the cinch clip being configured to alternately secure and release a bight of the compression cord.

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